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MYCODIPLOSI MOZNETTEI n. sp.

By E. P. Felt, Albany, N. Y.

The small midges described below were received from Mr. G. F. Moznette of the Federal Bureau of Entomology accompanied by the statement that they were reared from the pyriform scale, *Pulvinaria pyriformis* Ckll., as many as three individuals being reared from one scale insect. The larvae devour the eggs of the female scale and when full grown construct small cocoons underneath the scale of the host. One slide containing a number of females was labelled Miami, Fla., November 26, 1921, G. F. Moznette, Avocado. The other slide bears the date of December 2, 1921, and similar information.

The species appears to be closely related to three other predaceous forms in this genus, namely, *M. acarivora* Felt, *M. coccidivora* Felt and *M. pulvinariae* Felt, from all of which it is easily separated by the distinctly shorter stems of the male flagellate antennal segments.

Male: Length 1.25 mm. Antennae a little longer than the body, thickly haired, probably yellowish brown, 14 segments, the fifth with the stems each with a length one half greater than the diameter, terminal segment, basal enlargement roundly disk shape, the basal portion of the stem short, the distal enlargement broad, broadly rounded, obtuse apically: Palpi, first segment subquadrate, the second with a length about twice its diameter, the third more slender; body and halteres probably pale yellowish; legs probably pale straw; Genitalia, basal clasp segment moderately stout; terminal clasp segment about one half the length of the basal clasp segment, moderately stout, dorsal plate longer, deeply and narrowly emarginate, the lobes broadly rounded; the ventral plate long, broadly rounded apically.

Female: Length 2 mm. Antennae about three fourths the length of the body; sparsely haired, probably pale straw, fourteen sub-sessile segments, the fifth with a stem one fourth the length of the cylindric basal enlargement which latter has a length two and a half times its diameter; terminal segment with a length three times its diameter and apically a short, obtuse process; palpi nearly as in the male; body "pinkish"; halteres presumably pale yellowish; the legs probably pale straw; ovipositor about one fourth the length of the abdomen, stout, the lobes broadly rounded apically.

Type Cecid. A. 3217, N. Y. State Museum.